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(54) Title: PROCESS FOR THE PREPARATION OF A THERMOPLASTIC ELASTOMER COMPRISING A PARTIALLY VULCANIZED RUBBER CONCENTRATE

(57) Abstract: Process for the preparation of a thermoplastic elastomer by melt mixing a partially vulcanized rubber concentrate, a thermoplastic polymer and/or additives, optionally oil and a curing agent. The partially vulcanized rubber concentrate is prepared by melt mixing at least one elastomer and optionally oil with a thermoplastic polymer and a curing agent. The elastomer may be EPDM or EPM. The thermoplastic polymer may be chosen from a thermoplastic polyolefin. Useful curing agents are for example sulfur, sulfurous compounds, metal oxides, maleimides, phenol resins, siloxanes or peroxides.

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